

FIG. 1

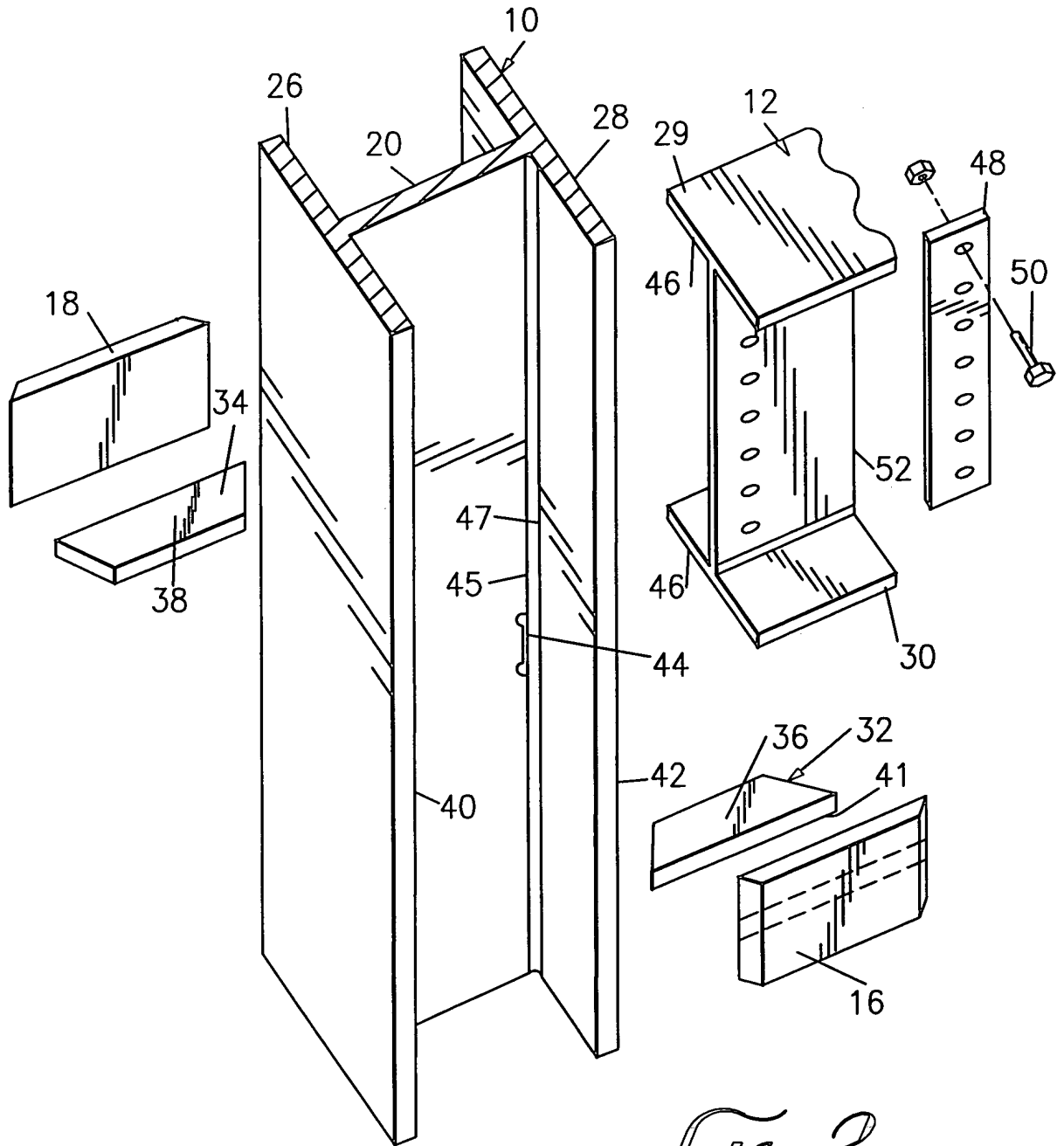
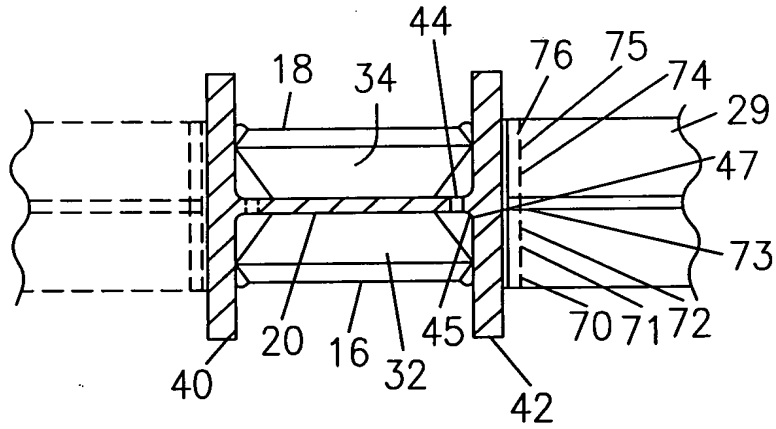
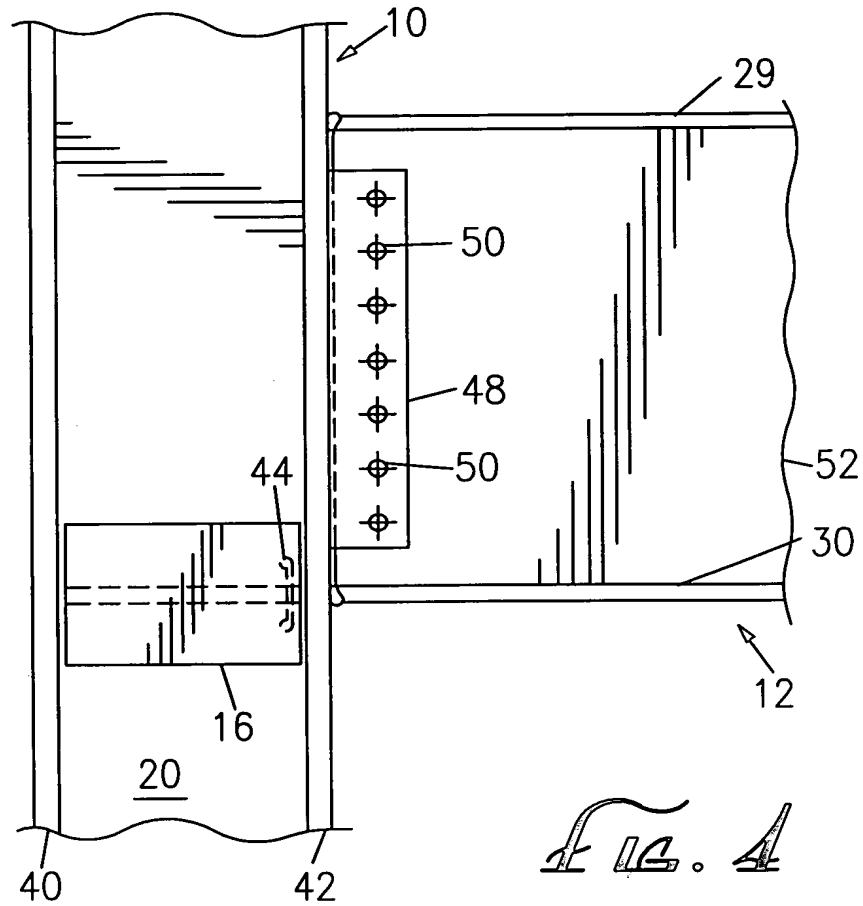


FIG. 2



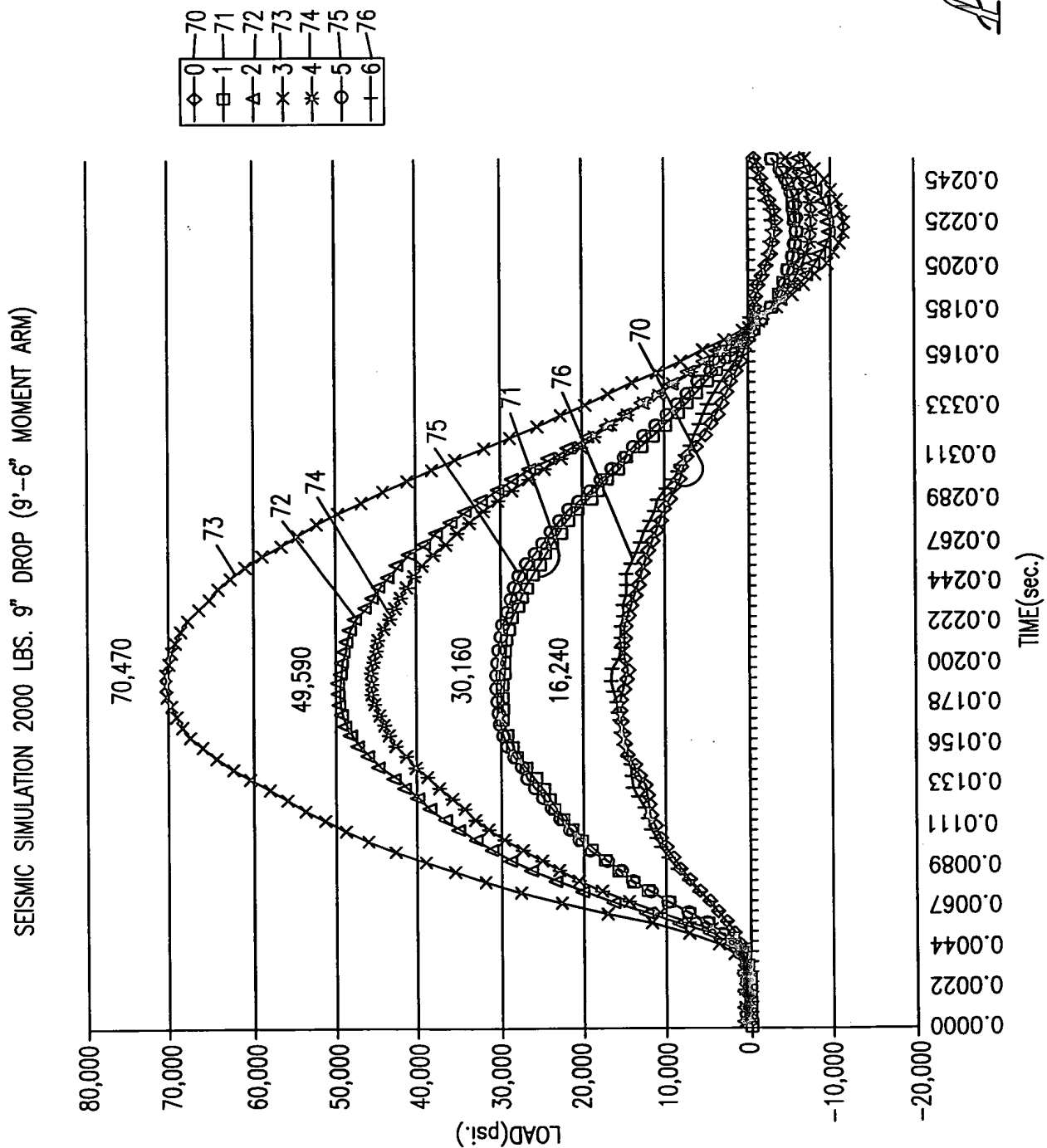
Fl. 3



16.4

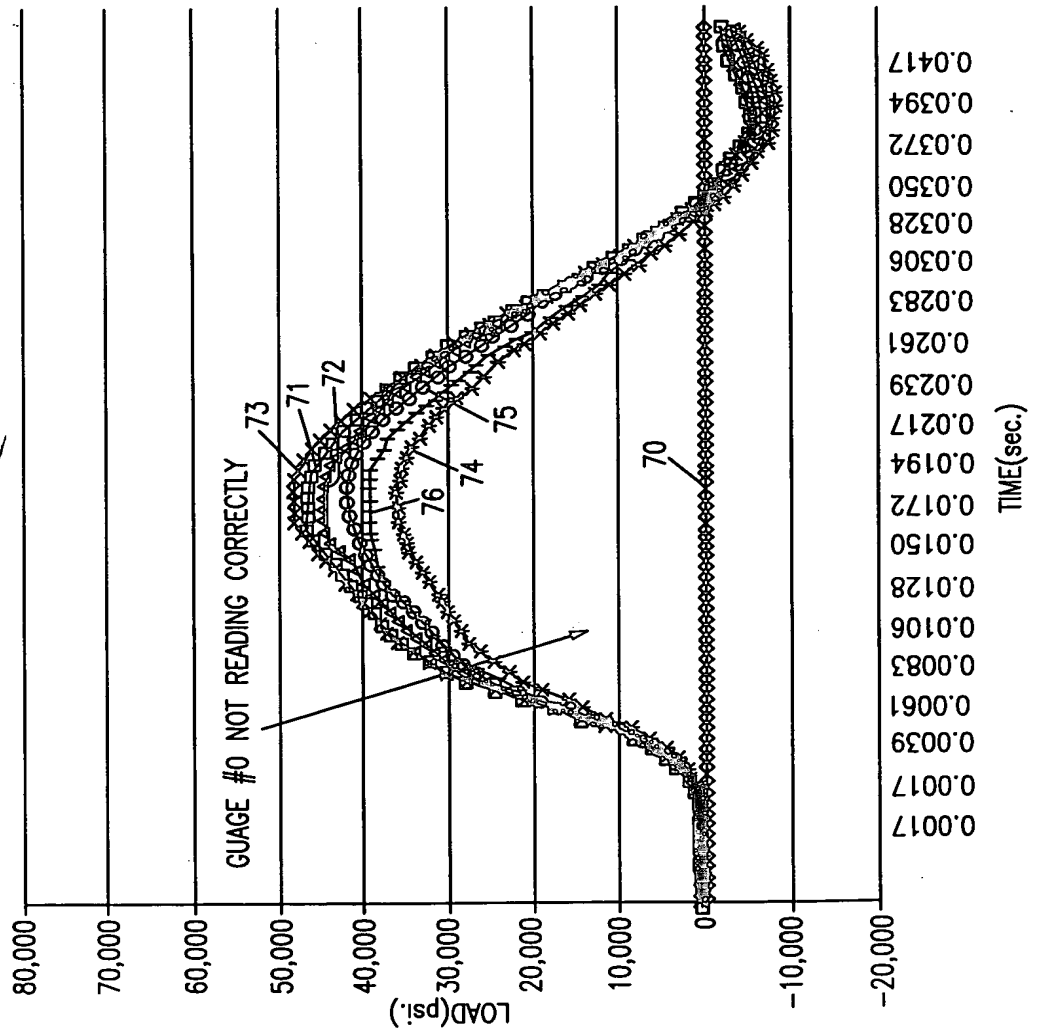


فہرست



702050" 94424860

SEISMIC SIMULATION 2000 LBS. 9" DROP (9'-6" MOMENT ARM)
 1" THICK BY 8" HIGH VERT. PLATE WITHIN COL. FLANGE W/TAPERED 1" THICK CONTINUITY
 PLATE. 4-1/2" SLOT CUT IN COL. WEB. NOTE CH 0 NOT READING CORRECTLY. (SET TO
 0 PSI.)

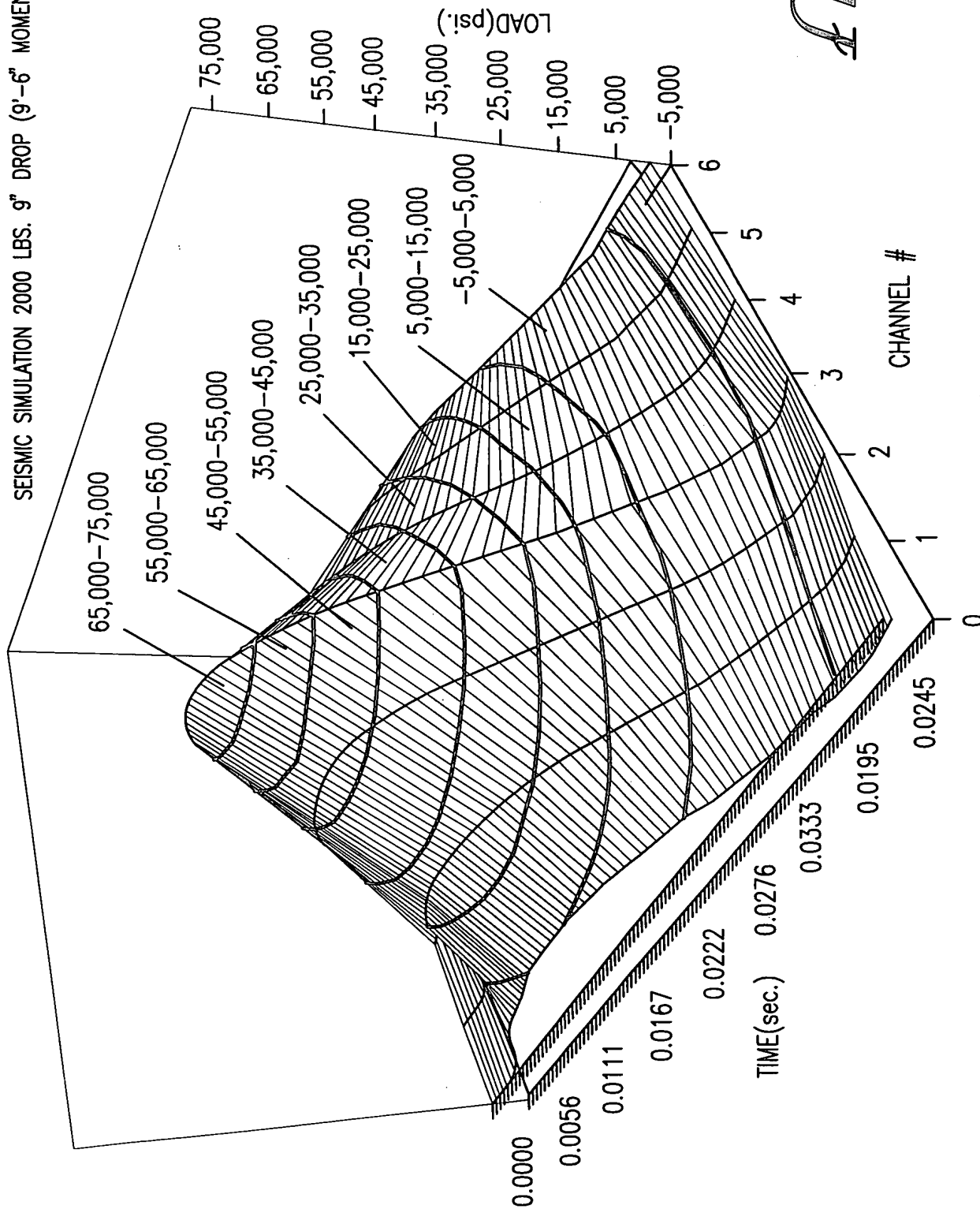


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f 12.0

FO2050" 94424860

SEISMIC SIMULATION 2000 LBS. 9" DROP (9'-6" MOMENT ARM)



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Fig. 7

FD2050" 94424860

SEISMIC SIMULATION 2000 LBS. 9" DROP (9'-6" MOMENT ARM)
 1" THICK BY 8" HIGH VERT. PLATE WITHIN COL. FLANGE W/TAPERED 1" THICK CONTINUITY
 PLATE. 4-1/2" SLOT CUT IN COL. WEB. NOTE CH 0 NOT READING CORRECTLY. (SET TO
 0 PSI.)

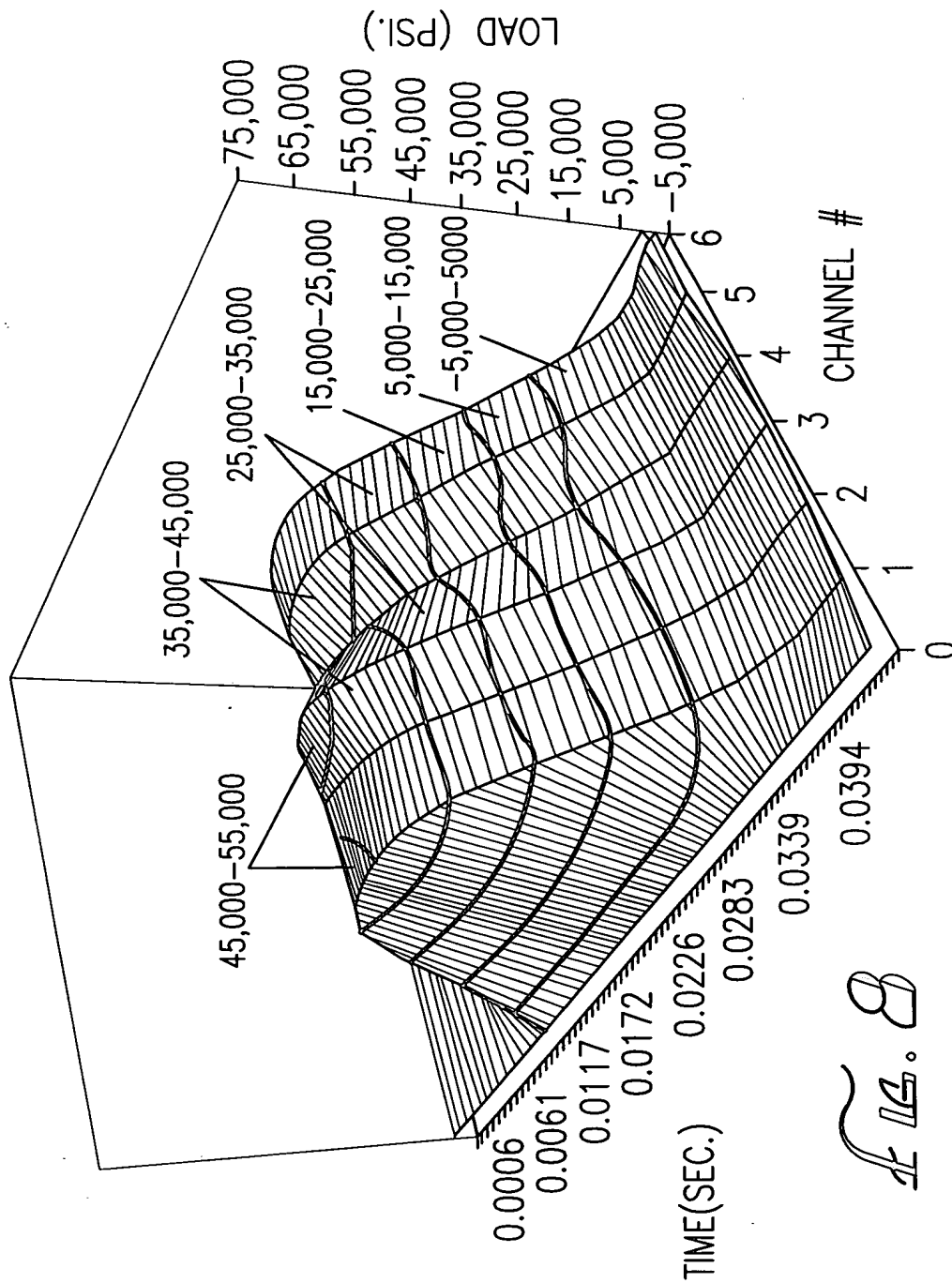


Fig. 8

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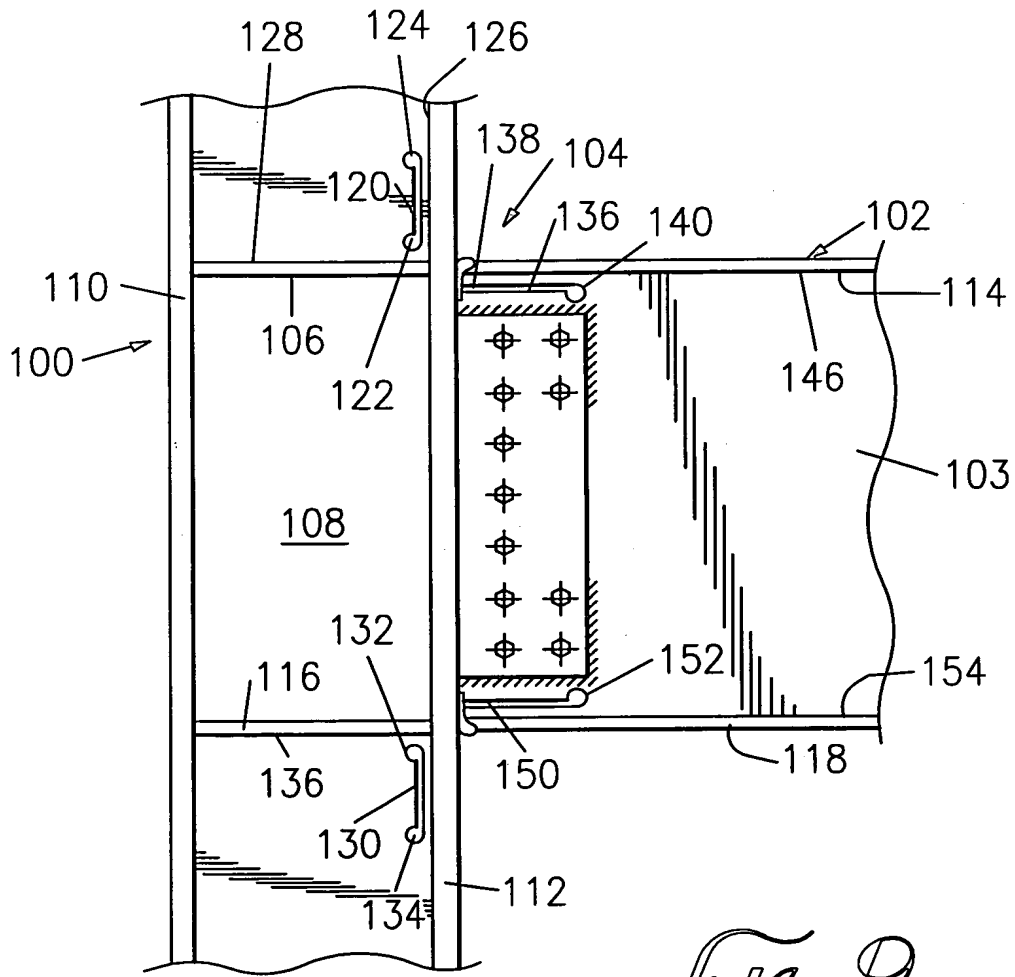


FIG. 9

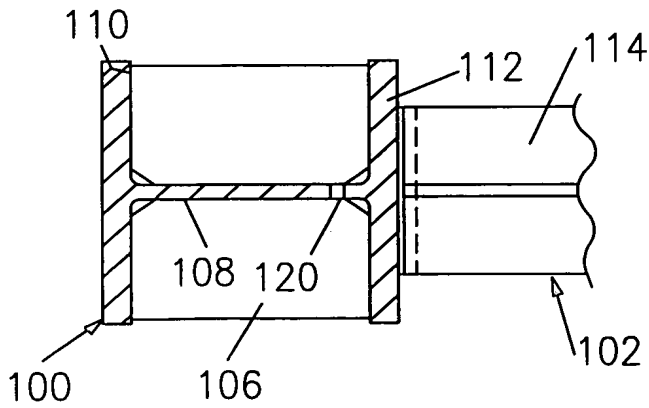


FIG. 10

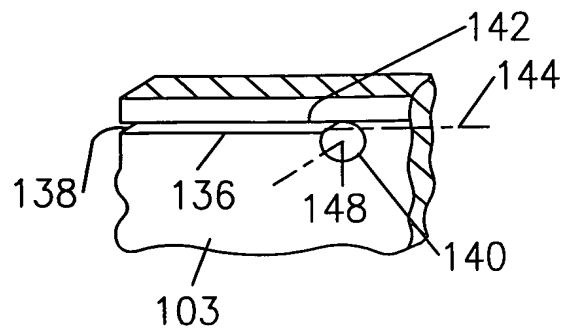


FIG. 11

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Fig. 12

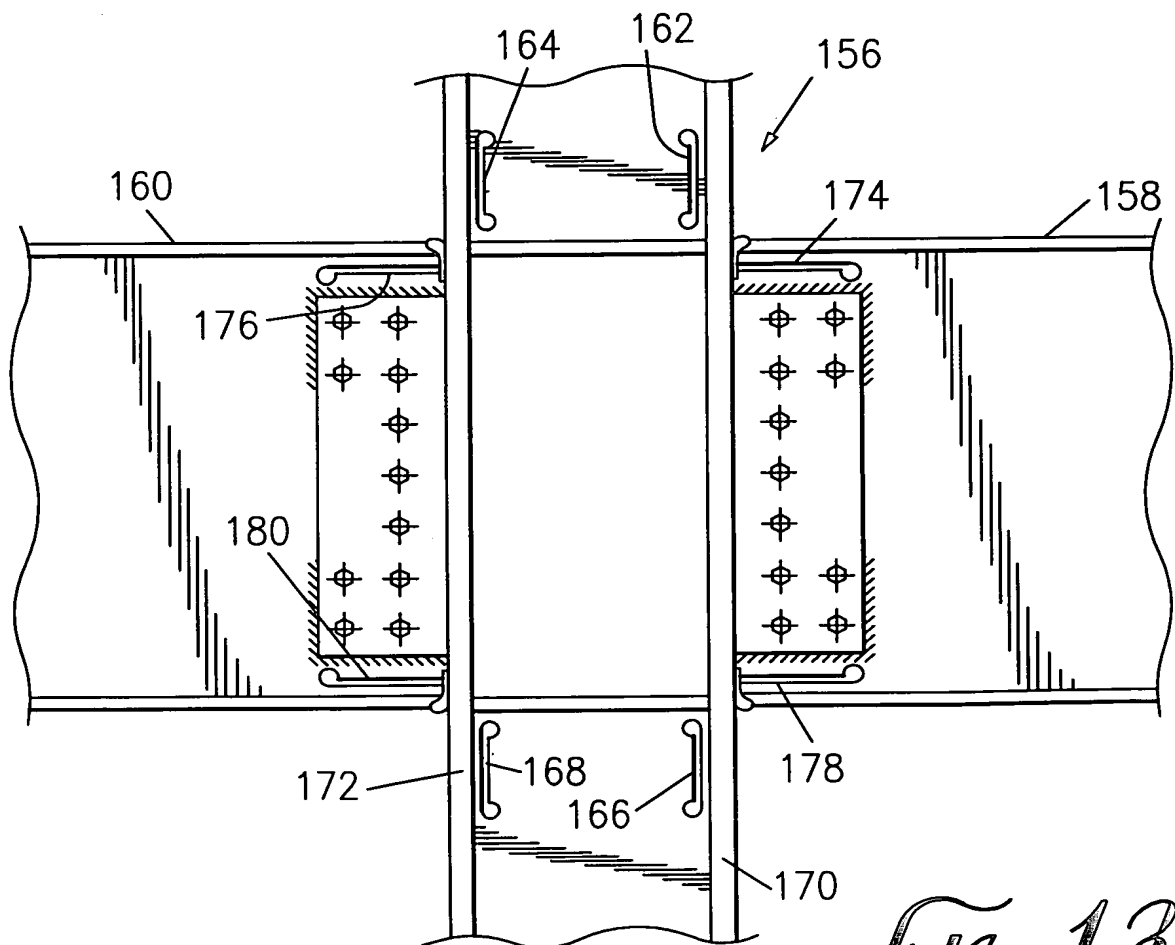
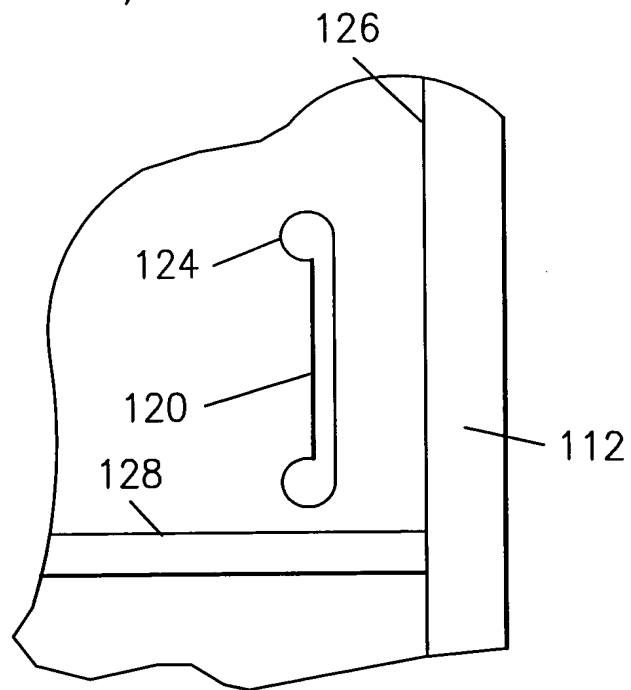
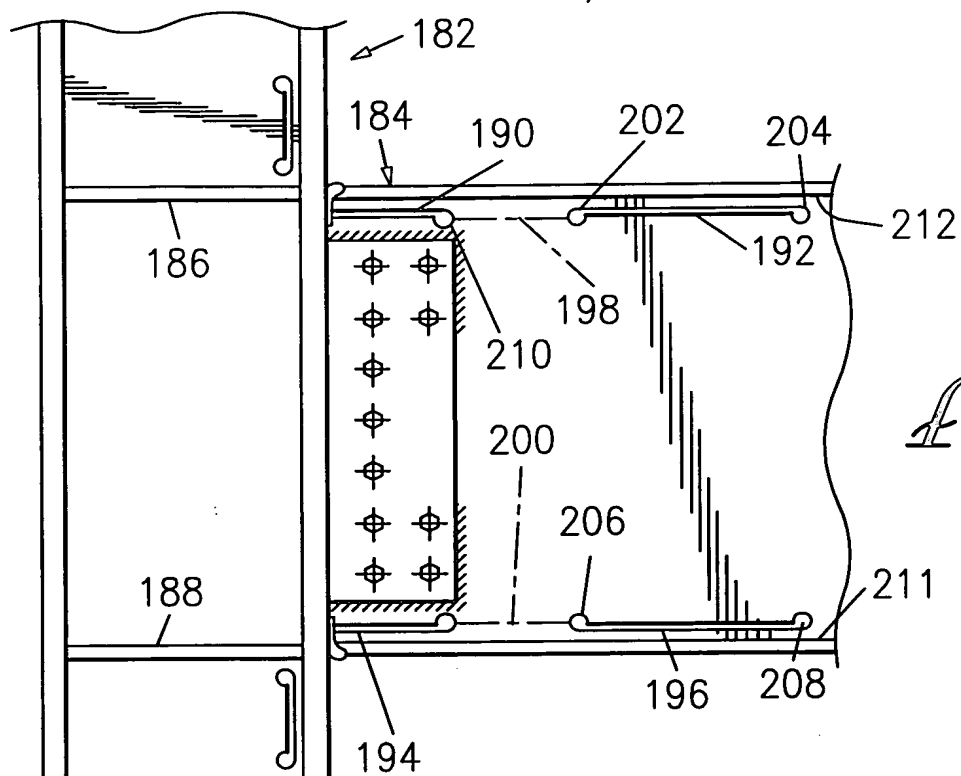


Fig. 13

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16. 14

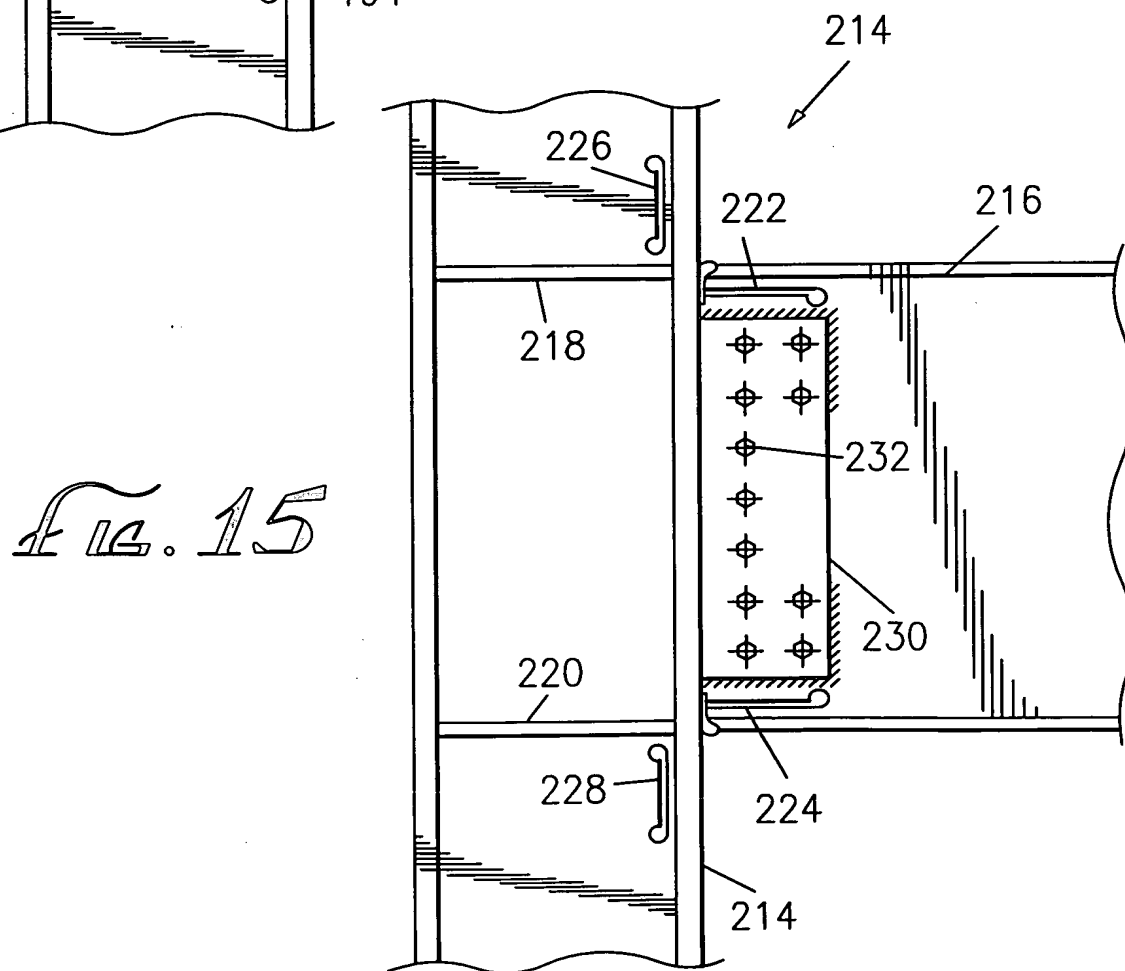


Fig. 15

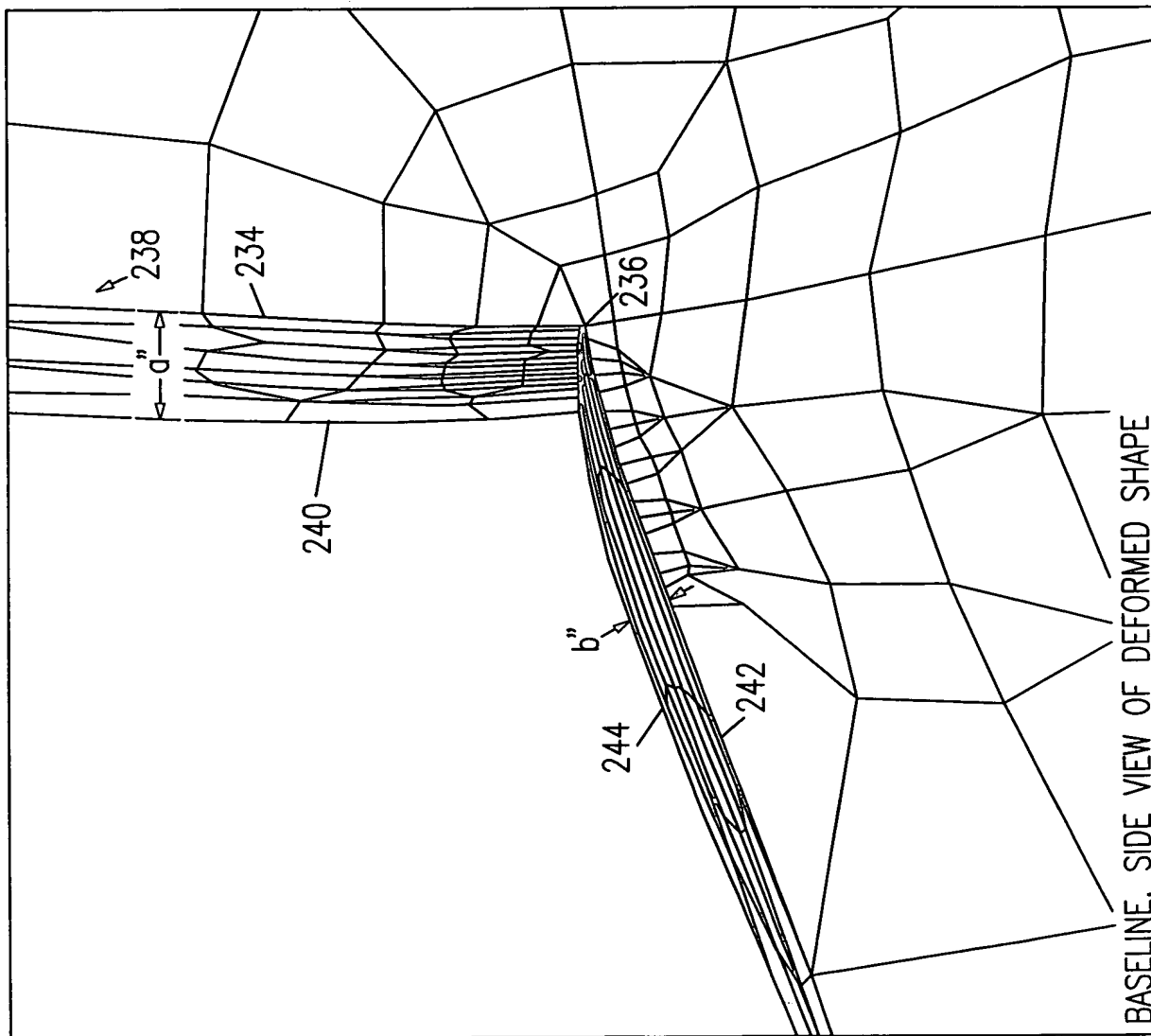
FO2050" 9th 24860

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Fig. 10

ANSYS 5.1 34
JULY 31, 1995
09:53:34
DISPLACEMENT
STEP=1
SUB=1
TIME=1
RSYS=0
DMX=1.114
SEPC=26.872

*DSCA=50
XV=1
*DIST=4.153
*XF=-3.943
*YF=12.822
*ZF=4.91
CENTROID HIDDEN





Fl. 17

102050" 94424860

ANSYS 5.1 34
JUL 31, 1995
12:13:23
DISPLACEMENT
STEP=1
SUB=1
TIME=1
RSYS=0
DMX=1.052
SEPC=25.25
*DSCA=50
XV=1
*DIST=6.487
*XF=-3.912
*YF=13.41
*ZF=6.221
CENTROID HIDDEN



Fig. 18

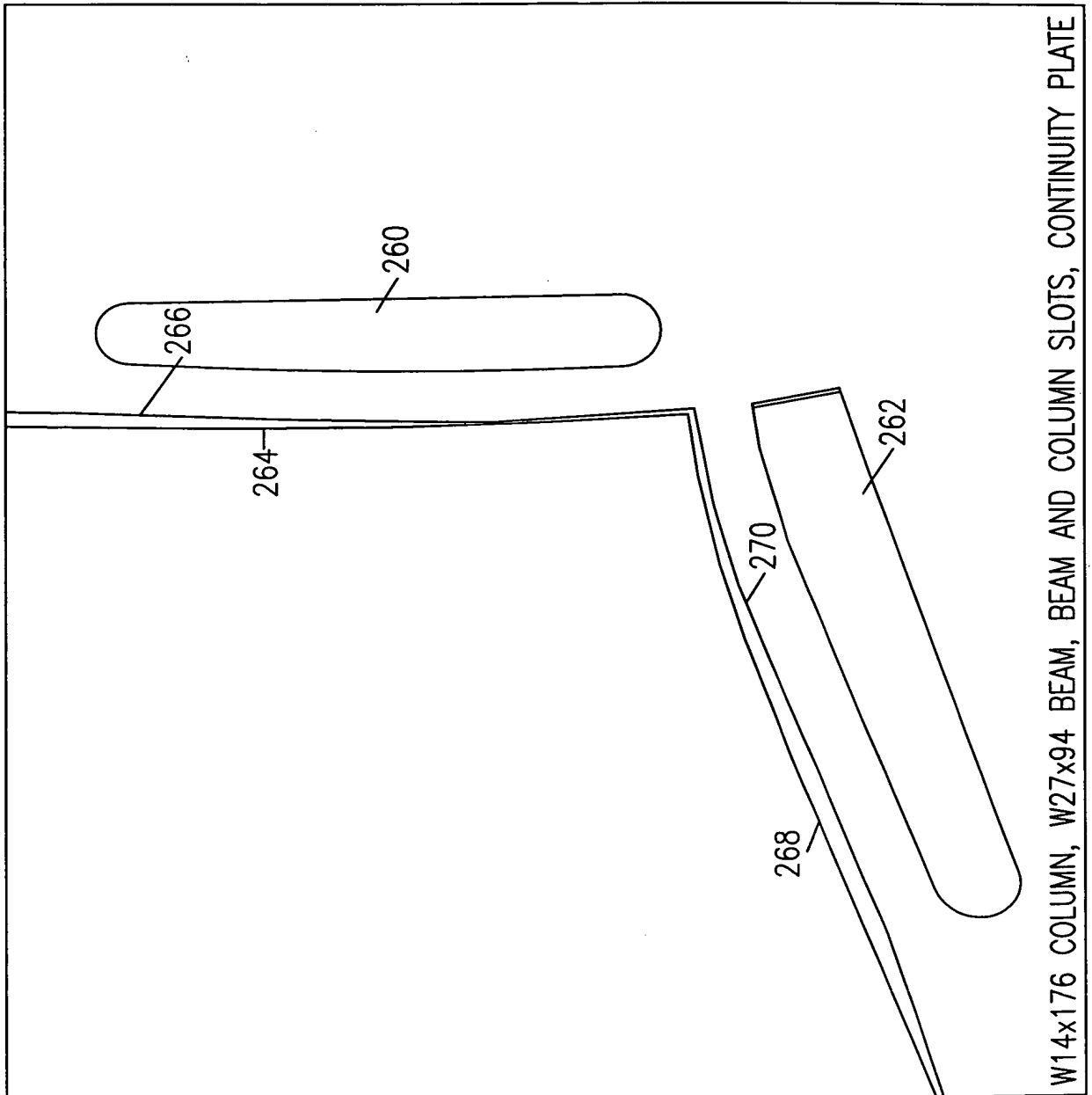
FO2050" SHH2H860

ANSYS 5.1 34
AUG 8, 1995
23:47:27
DISPLACEMENT
STEP=1
SUB=1
TIME=1
RSYS=0
DMX=1.067
SEPC=24.838

*DSCA=50
XV=1
*DIST=6.361
*XF=-3.912
*YF=14.574
*ZF=5.901
CENTROID HIDDEN
EDGE

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Fig. 19



W14x176 COLUMN, W27x94 BEAM, BEAM AND COLUMN SLOTS, CONTINUITY PLATE

102050" 94424860

ANSYS 5.1 34
AUG 21, 1995
13:11:27

NODAL SOLUTION

STEP=1

SUB=37

TIME=3.445

UX

TOP

RSYS=0

DMX=3.544

SMN=-0.153612

SMX=2.209

-0.153612

0.108884

0.37138

0.633876

0.896371

1.159

1.421

1.684

1.946

2.209

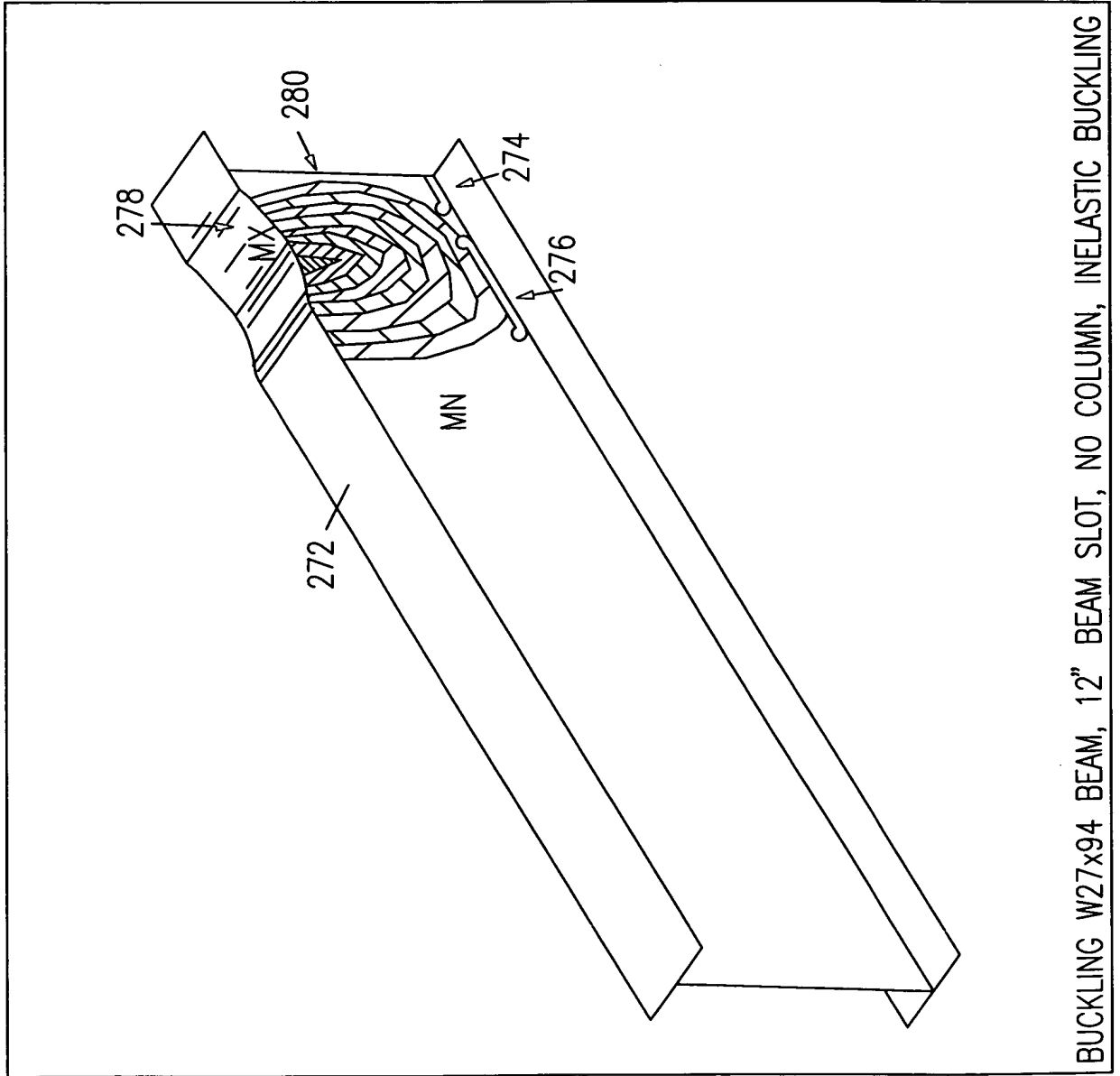


Fig. 20

702050* 94424850

DRAFT
ATC-24 S.E. 'BMSLT1A' AUGUST 22, 1995

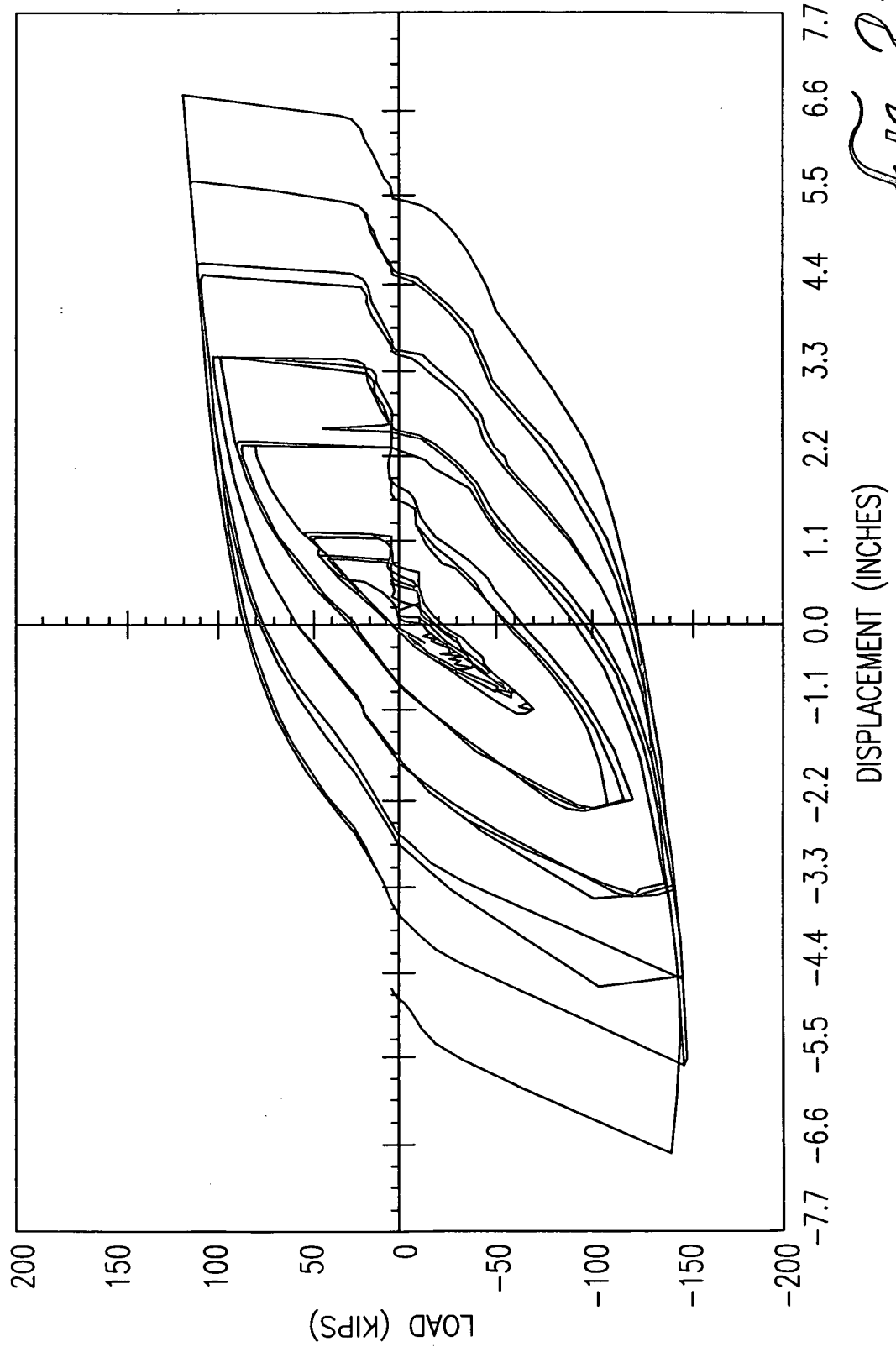


Fig. 21

Fig. 22

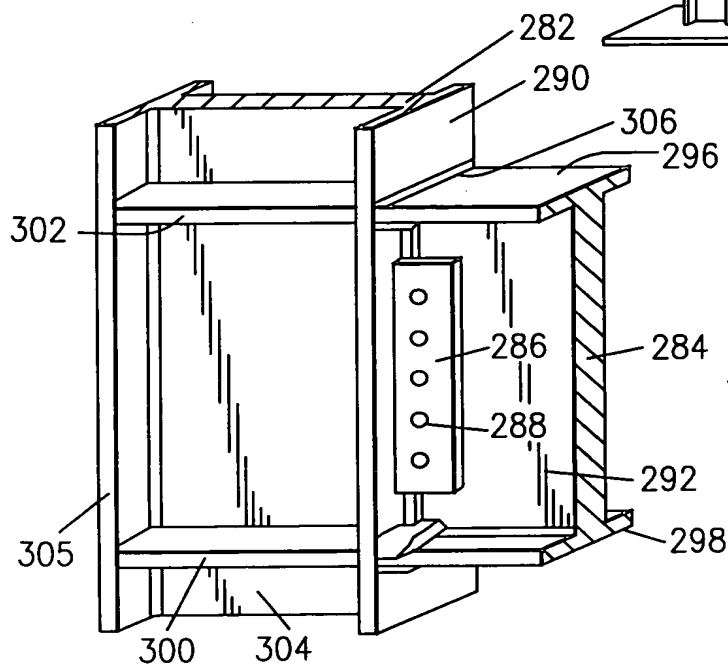
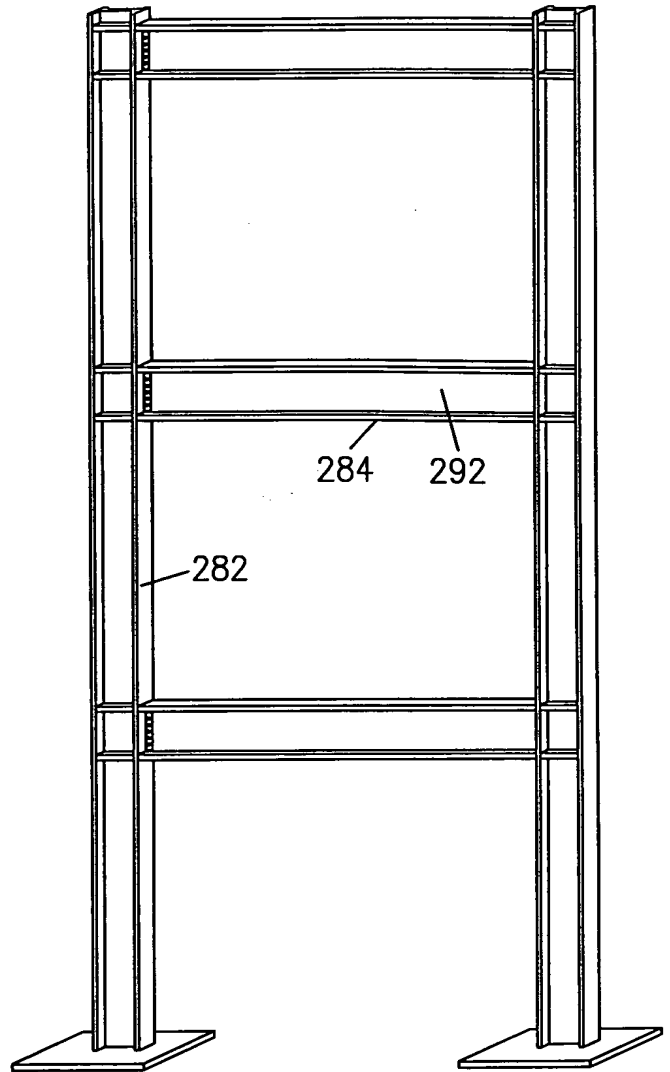
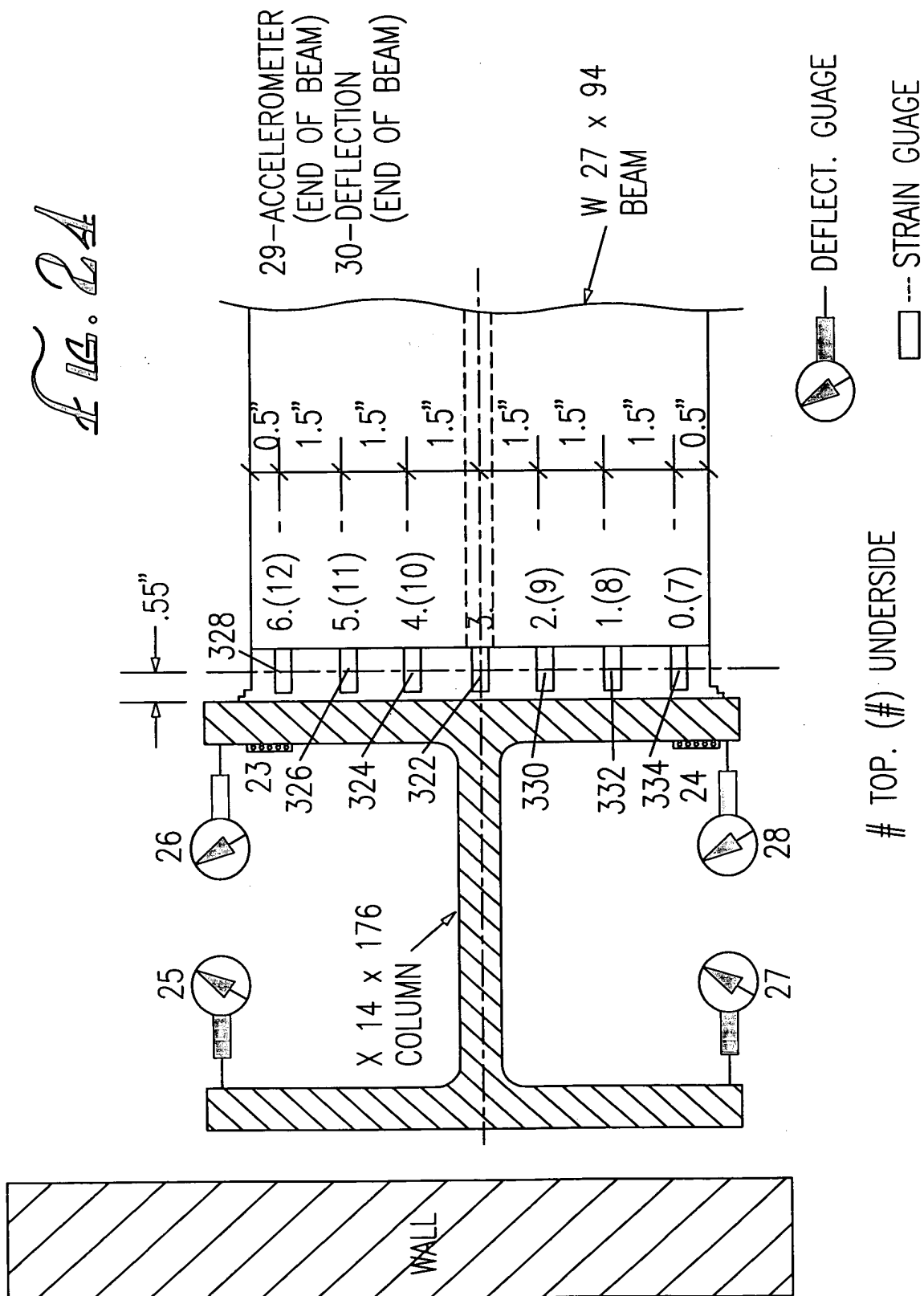
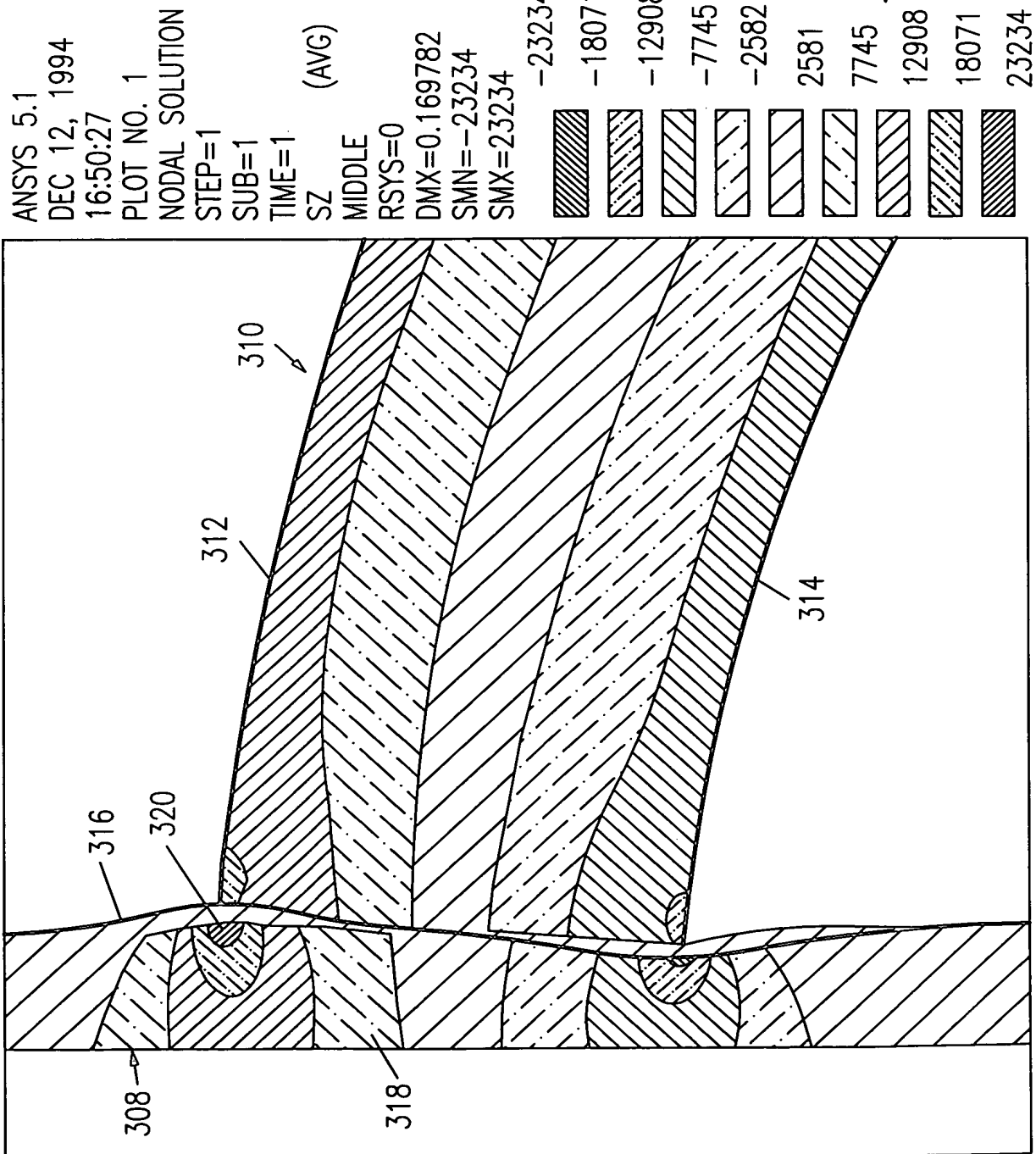


Fig. 23



102050" 94424860

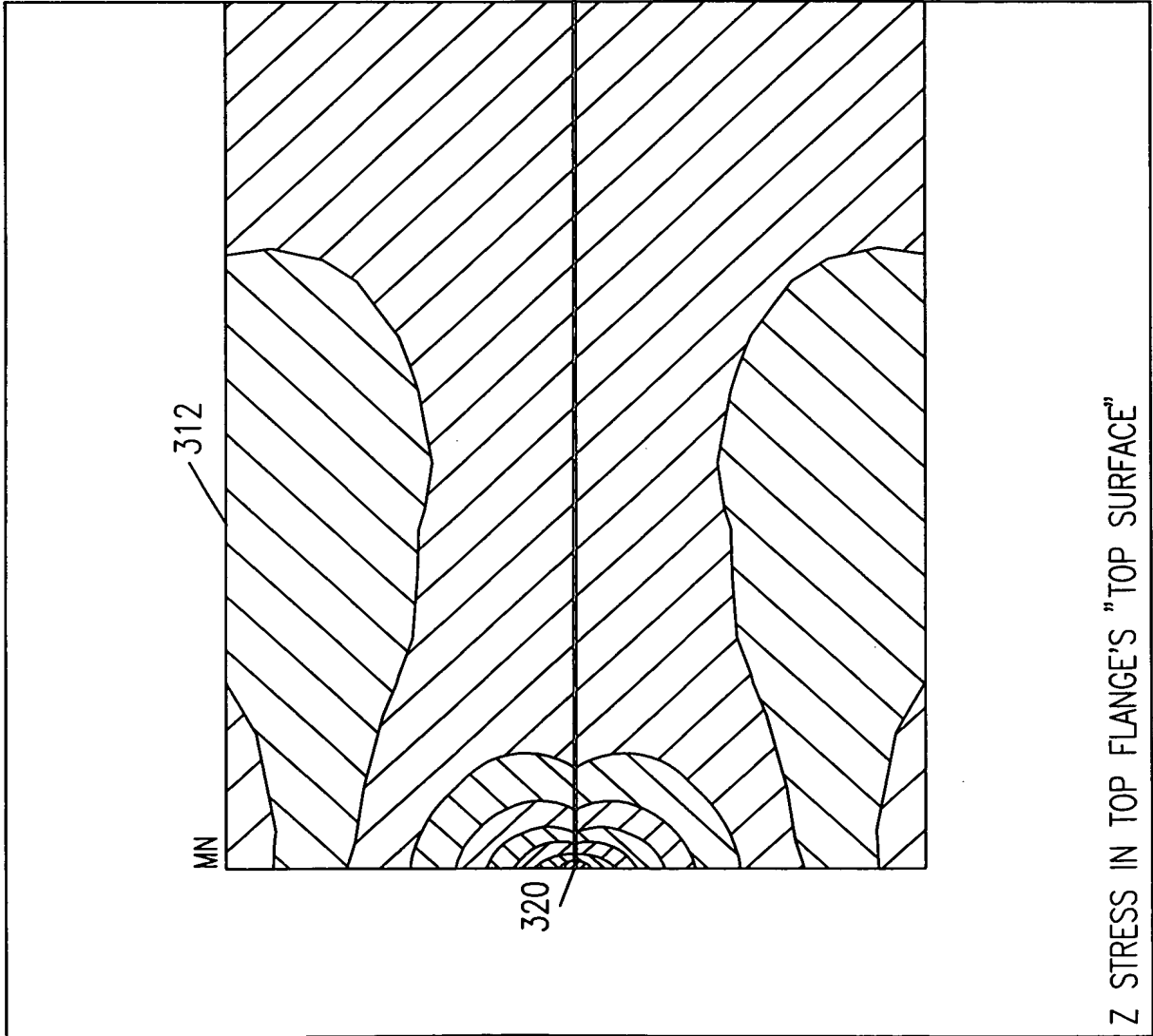


102050" 94424860

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Fig. 20

ANSYS 5.1
DEC 12 1994
11:12:33
PLOT NO. 1
NODAL SOLUTION
STEP=1
SUB=1
TIME=1
SZ (AVG)
BOTTOM
RSYS=0
DMX=0.169781
SMN=1244
SMNB=735.877
SMX=41405
SMXB=42926
1244
5706
10168
14631
19093
23555
28018
32480
36942
41405



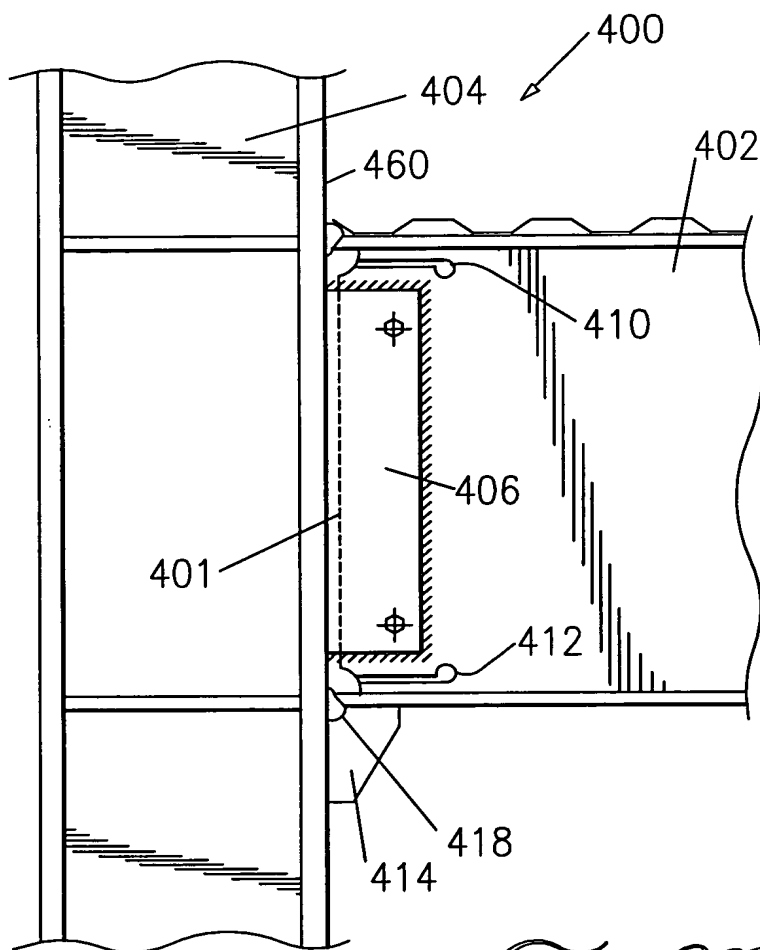


Fig. 27

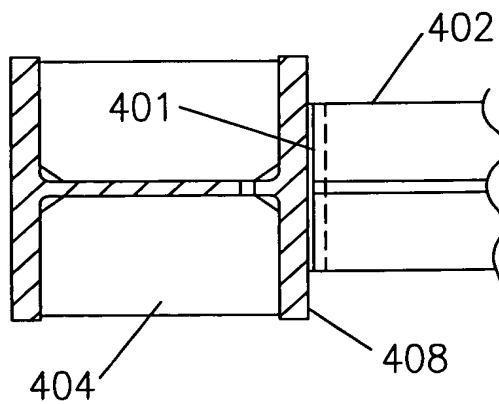


Fig. 28

0947446-05001

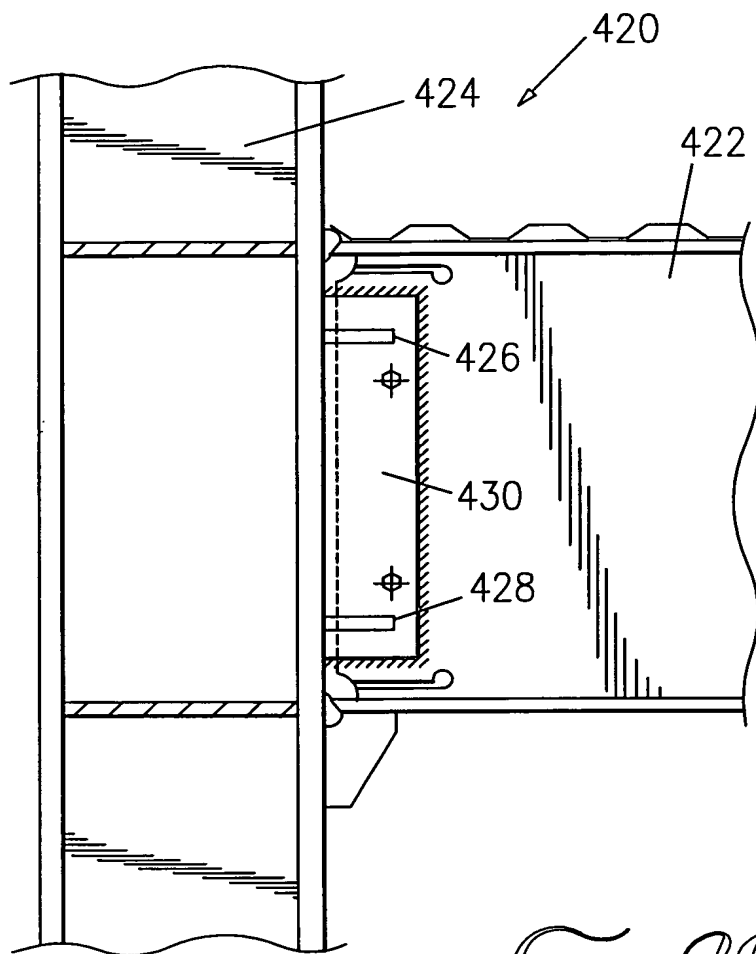


FIG. 29

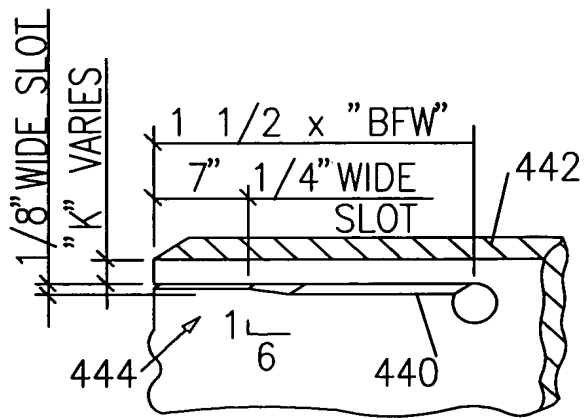


FIG. 31

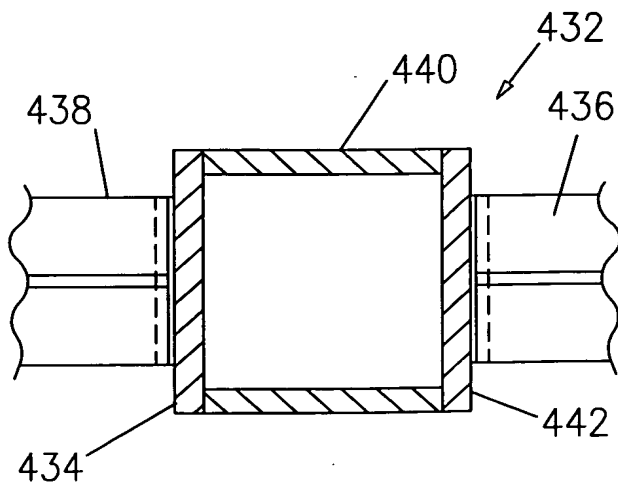
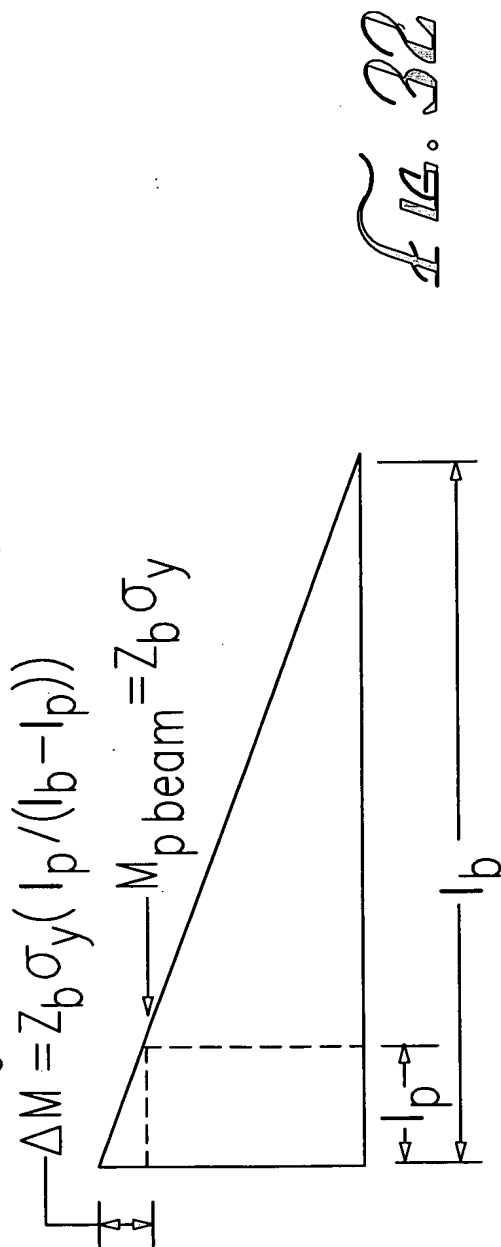
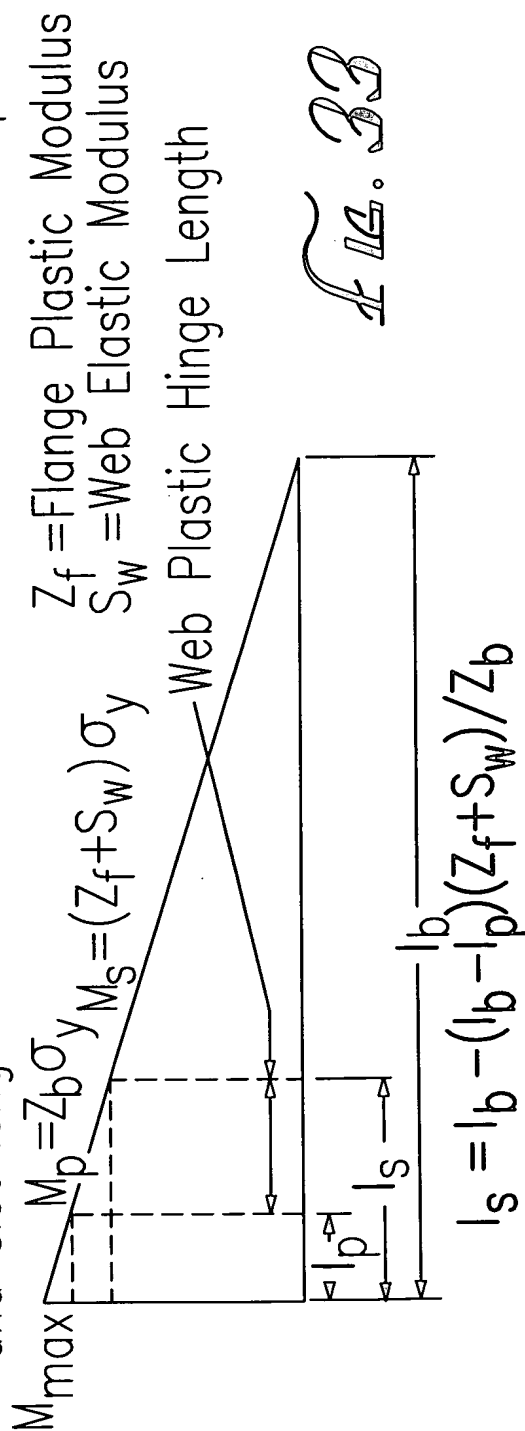


FIG. 30

- Develop required plate strength at the column face using ATC-24 moment diagram



- Use ATC-24 moment diagram to compute the web plastic hinge and slot length measured from end of slot to shear plate.



[illegible]